

**FIG. 1**

The diagram illustrates a network topology for service discovery. At the top, a box states: "Discovering devices receive advertise packets to generate lists of devices with their services". Below this, a network is shown with several components and connections:

- Top Row:** Three rectangular boxes labeled "1394 Device" (301), "1394 Device" (302), and "1394 Discovering Device" (303).
- Bottom Row:** Three rectangular boxes labeled "1394 Device" (305), "1394 Discovering Device" (306), and "1394 Device" (307), and a rounded rectangular box labeled "Discovering Non-1394 Device" (308).
- Central Bridge:** A diamond-shaped box labeled "Bridge" (312).
- Connections:**
  - Solid lines connect 301 and 302 to a horizontal line (310), which then connects to the Bridge (312).
  - Solid lines connect 305, 306, and 307 to another horizontal line (314), which also connects to the Bridge (312).
  - A solid line connects the Bridge (312) to the "Discovering Non-1394 Device" (308).
  - Dashed arrows point from the "Discovering Non-1394 Device" (308) up to the "1394 Discovering Device" (306).
  - Dashed arrows point from the "1394 Discovering Device" (306) up to the "1394 Discovering Device" (303).
  - A dashed arrow points from the "Discovering Non-1394 Device" (308) up to the top text box.

**FIG. 2**

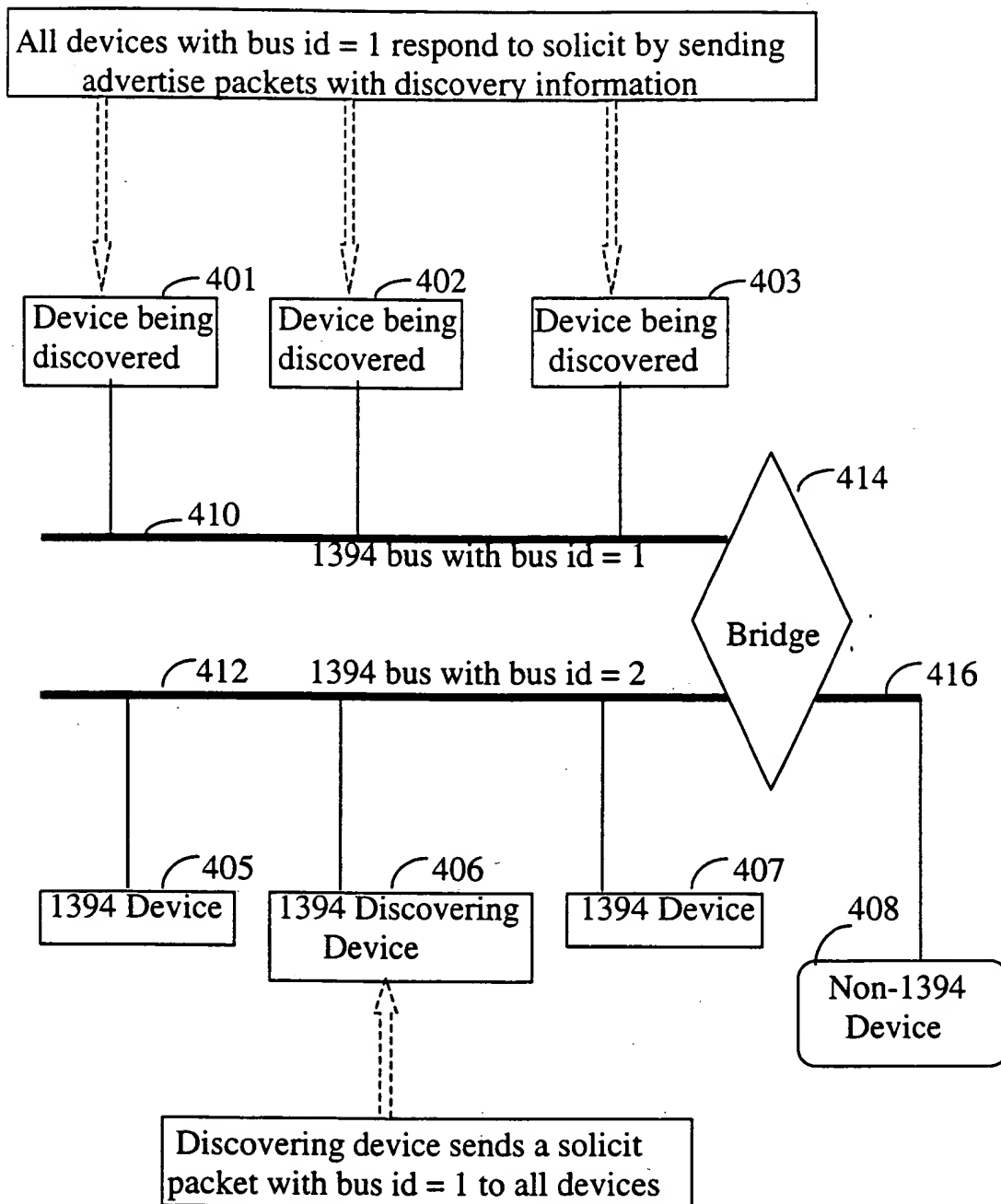
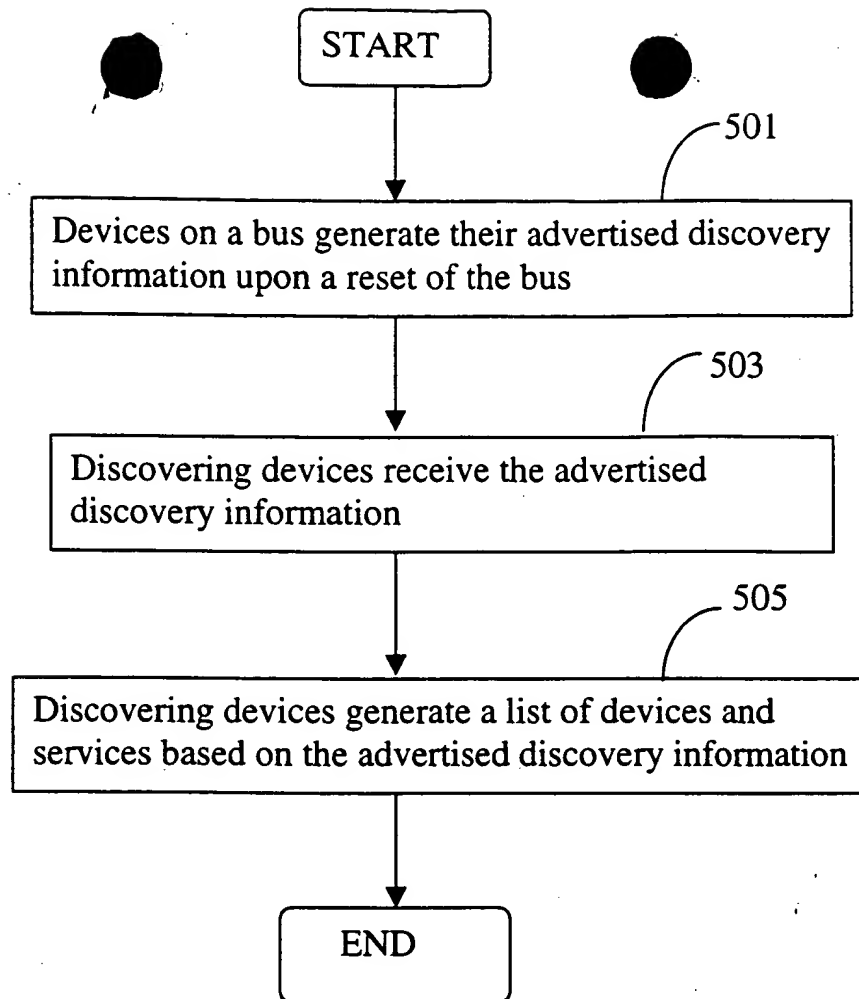
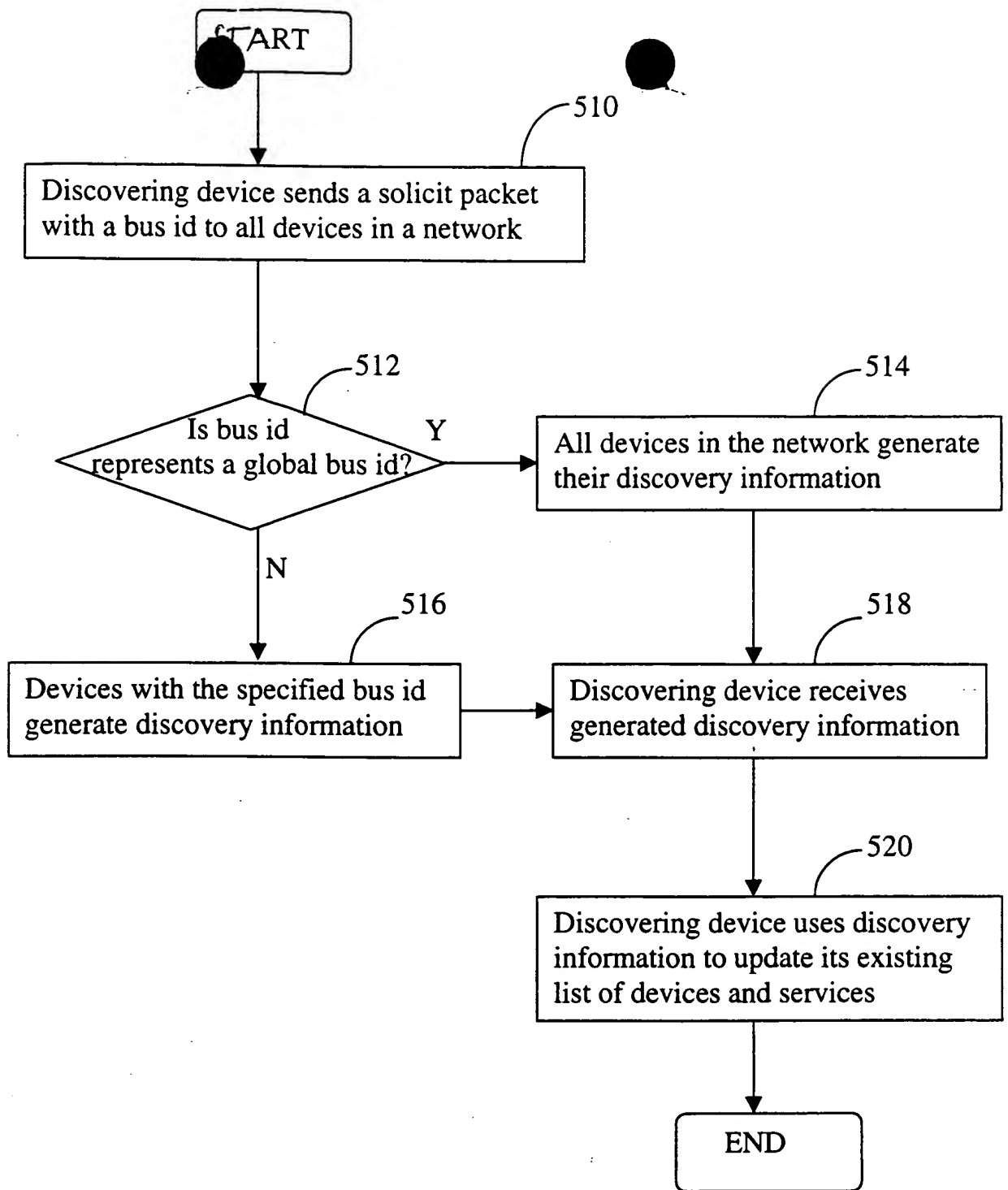


FIG. 3



**FIG. 4**



**FIG. 5**